

REMARKS

INTRODUCTION

In accordance with the foregoing, no claims have been amended. Claims 1-3, 5-7 and 10 are pending and under consideration.

CLAIM REJECTIONS

Claims 1-3 and 5-7 were rejected under 35 USC 102(e) as being anticipated by Ando et al. (US 6,782,189) (hereinafter "Ando").

Claim 10 was rejected under 35 USC 103(a) as being unpatentable over Ando in view of Official Notice.

Claims 1-4

Amended claim 1 recites: "...the program data is encoded by compression according to the MPEG-2 standard and packetized in the form of a transport stream (TS) and the extracting of the information comprises extracting a program allocation table (PAT), a program map table (PMT), and location information of an I-picture." In claim 1, each of the information extracted from the program data and a program table include a program allocation table (PAT), a program map table (PMT), and location of an I-picture.

In the Office Action, the Examiner relies on figure 9 to show this feature of claim 1. It is respectfully submitted that in Ando: "FIG. 9 is a view for explaining the internal structure of a stream block header shown in FIG. 1." See Ando, 5:6-5:7. In Ando, the stream data (STREAM.VRO) 106 shown in Figure 1 of Ando is data transmitted in the form of a packet structure and corresponds to the program data recited in claim 1. As noted in the Office Action in the "Response to Arguments" section, Figure 9 of Ando discusses that the number 631 of transport packets (application packets) in Figure 9(d) can include I-picture mapping table 641, B/P-picture mapping table 642, and the transport packet mapping table 632 in Figure 9(d) can include video packet mapping table 643, audio packet mapping table 644, program unique information mapping table 645, and the like. However, these tables are the **stream data**.

It is the STREAM.IFO 105 of Ando that corresponds to the program table of claim 1, which is used as navigation data. It is an object of the present invention, as recited in claim 1, to arrange reference information that is referred to in playing a TV program in a table, and then

store the table together with the TV program in the storing apparatus so that the TV program is played by referring to information in the table. This technical feature provides that by referring to the table, play and trick play are performed more quickly and efficiently.

In Ando, the navigation data is labeled as STREAM.IFO 105, and as shown in FIG. 3(f), is comprised of video manager (VMGI or STR_VMGI) 231, stream file information table (SFIT) 232, original PGC information (ORG_PGCi) 233, user-defined PGC information table (UD_PGCIT) 234, text data manager (TXTDT_MG) 235, and manufacturer information table (MNFIT) or application private data manager (APDT_MG) 236 that manages navigation data SR_PRIVT.DAT 105a unique to an application. However, the STREAM.IFO 105 does not include the extracted information as recited in claim 1.

As previously discussed, by storing information in a separate program table so that that program table can be referred to in playing a TV program, it becomes easier to play or trick-play the TV program.

Claims 2 and 3 depend on claim 1 and are therefore believed to be allowable for at least the foregoing reasons.

Withdrawal of the foregoing rejection is requested.

Claims 5-7 and 10

Claim 5 recites: "...makes a program table having the extracted PAT and PMT information and the extracted location information of a packet related to the I-picture..." In contrast to claim 5, the STREAM.IFO 105 corresponds to the program table of claim 5 and Ando does not discuss including a program table having the extracted PAT and PMT information and the extracted location information of a packet related to the I-picture in the navigation data, STREAM.IFO 105.

Claims 6, 7 and 10 depend on claim 5 and are therefore believed to be allowable for at least the foregoing reasons. Regarding claim 10, it is respectfully submitted that rejection of claim 10 based on Official Notice is traversed on the grounds that in the reference relied on by the Examiner, Ando, to discuss an apparatus for storing a program which is encoded and packetized in transport stream (TS) packets according to an MPEG-2 standard, does not discuss that the storing apparatus is a hard disc drive, but to the contrary discusses that the

information storage medium 201 is a recordable/reproducible optical disc such as a DVD-RAM disc.

Withdrawal of the foregoing rejection is requested.

CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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